# بسم الله الرحمن الرحيم

الجمهورية اليمنية
وزارة التعليم العالي والبحث العلمي
كلية المجتمع – صنعاء




# PHP&MYSQL

# PHP Login script tutorial: -

## PHP Login script tutorial

Learn to create a simple login system with php + mysql script, this tutorial easy to follow, teach you step by step.

Overview

In this tutorial create 3 files
1. main_login.php
2. checklogin.php
3. login_success.php

Step
1. Create table "members" in database "test".
2. Create file main_login.php.
3. Create file checklogin.php.
4. Create file login_success.php.
5. Create file logout.php

If you don't know how to create databse, click here

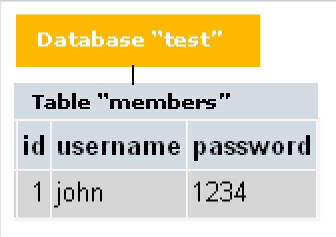
1 Create table "members"

```
CREATE TABLE `members` (
`id` int(4) NOT NULL auto_increment,
`username` varchar(65) NOT NULL default '',
`password` varchar(65) NOT NULL default '',
PRIMARY KEY (`id`)
) TYPE=MyISAM AUTO_INCREMENT=2 ;


--
```

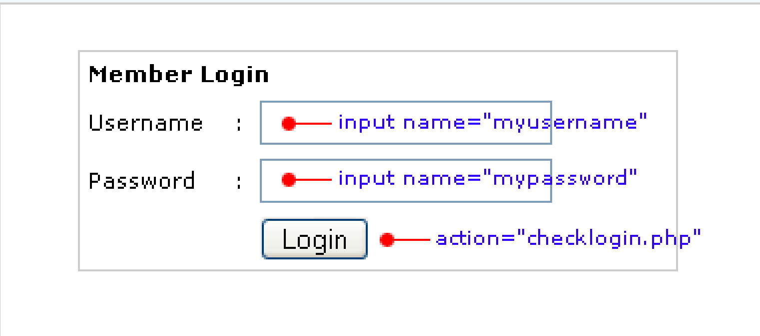
```
-- Dumping data for table `members`
--

INSERT INTO `members` VALUES (1, 'john', '1234');
```




## 2 Create file main_login.php

View In Browser




```
############## Code

<table width="300" border="0" align="center" cellpadding="0" cellspacing="1" bgcolor="#CCCCCC">
<tr>
<form name="form1" method="post" action="checklogin.php">
<td>
<table width="100%" border="0" cellpadding="3" cellspacing="1" bgcolor="#FFFFFF">
<tr>
<td colspan="3"><strong>Member Login </strong></td>
</tr>
<tr>
<td width="78">Username</td>
<td width="6">:</td>
<td width="294"><input name="myusername" type="text" id="myusername"></td>
</tr>
<tr>
<td>Password</td>
<td>:</td>
<td><input name="mypassword" type="text" id="mypassword"></td>
</tr>
<tr>
<td> </td>
<td> </td>
<td><input type="submit" name="Submit" value="Login"></td>
```

```
</tr>
</table>
</td>
</form>
</tr>
</table>
```

3 Create file checklogin.php

```
############### Code

<?php
$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="members"; // Table name

// Connect to server and select databse.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

// username and password sent from form
$myusername=$_POST['myusername'];
$mypassword=$_POST['mypassword'];

// To protect MySQL injection (more detail about MySQL injection)
$myusername = stripslashes($myusername);
$mypassword = stripslashes($mypassword);
$myusername = mysql_real_escape_string($myusername);
$mypassword = mysql_real_escape_string($mypassword);

$sql="SELECT * FROM $tbl_name WHERE username='$myusername' and password='$mypassword'";
$result=mysql_query($sql);

// Mysql_num_row is counting table row
$count=mysql_num_rows($result);
// If result matched $myusername and $mypassword, table row must be 1 row

if($count==1){
// Register $myusername, $mypassword and redirect to file "login_success.php"
session_register("myusername");
session_register("mypassword");
header("location:login_success.php");
}
else {
echo "Wrong Username or Password";
}
?>
```

4 Create file login_success.php

```
############## Code

// Check if session is not registered , redirect back to main page.
// Put this code in first line of web page.
<?
session_start();
if(!session_is_registered(myusername)){
header("location:main_login.php");
}
?>

<html>
<body>
Login Successful
</body>
</html>
```

5 Logout.php

If you want to logout, create this file

```
// Put this code in first line of web page.
<?
session_start();
session_destroy();
?>
```

6 For PHP5 User - checklogin.php

```
############## Code

<?php
```

```
ob_start();
$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="members"; // Table name

// Connect to server and select databse.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

// Define $myusername and $mypassword
$myusername=$_POST['myusername'];
$mypassword=$_POST['mypassword'];

// To protect MySQL injection (more detail about MySQL injection)
$myusername = stripslashes($myusername);
$mypassword = stripslashes($mypassword);
$myusername = mysql_real_escape_string($myusername);
$mypassword = mysql_real_escape_string($mypassword);

$sql="SELECT * FROM $tbl_name WHERE username='$myusername' and password='$mypassword'";
$result=mysql_query($sql);

// Mysql_num_row is counting table row
$count=mysql_num_rows($result);
// If result matched $myusername and $mypassword, table row must be 1 row

if($count==1){
// Register $myusername, $mypassword and redirect to file "login_success.php"
session_register("myusername");
session_register("mypassword");
header("location:login_success.php");
}
else {
echo "Wrong Username or Password";
}

ob_end_flush();
?>
```

7 Encrypting Password - Make your Login More Secure

This is the same password

| id | name | email | password |
|---|---|---|---|
| 1 | John Smith | john@somewhere.com | john856 |

| id | name | email | password |
|---|---|---|---|
| 1 | John Smith | john@somewhere.com | ad65d5054042fda44ba3fdc97cee80c6 |

After encrypted "john856"

Read more about encrypting password here

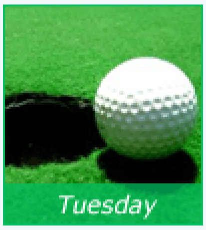
# PHP Script Image of the day: -

## PHP Script Image of the day

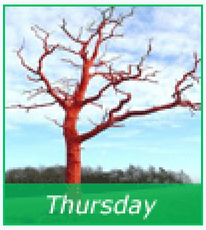
In this script shows you how to display image of the day. You can adapt this script to display quote of the day, knowledge of the day or something else you want. You don't have to change image everyday just change images once a week.

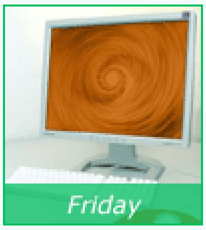
**Images -** Right click to save images or download here (Zip file 91.8 KB)

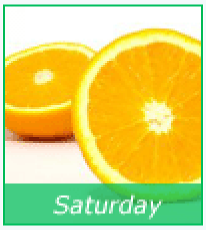















**What to do?**

1. Find what today is? using date function and keep answer in variable name "$today".
2. Compare $today with name of the day.
3. Display "Today is " ... " and display image of the day.
4. test it. Try to change your machine date and see the result!

```
$today=date(l); // Find what today is? using date function

// If today is Monday displays message "Today is Monday" and displays image1.gif
if($today==Monday){ // Compare $today with name of the day.
echo "Today is Monday";
echo "<BR>"; // Line break
echo "<img src='images/image1.gif'>"; // images keep in forder "images"
}
```

--------------------------------------------------------------------------------------------------------------

If You want to show 1 month 31 images replace with this code

```
$today=date(d); // display date "01", "02", "03"..."15", "16" ....
if($today==01){ .......

elseif($today==15){ .......
```

until $today==31

**############### Code**

```
<?
$today=date(l); // Find what today is? using date function

if($today==Monday){
echo "Today is Monday";
```

```
echo "<BR>";
echo "<img src='images/image1.gif'>";
}

elseif($today==Tuesday){
echo "Today is Tuesday";
echo "<BR>";
echo "<img src='images/image2.gif'>";
}

elseif($today==Wednesday){
echo "Today is Wednesday";
echo "<BR>";
echo "<img src='images/image3.gif'>";
}

elseif($today==Thursday){
echo "Today is Thursday";
echo "<BR>";
echo "<img src='images/image4.gif'>";
}

elseif($today==Friday){
echo "Today is Friday";
echo "<BR>";
echo "<img src='images/image5.gif'>";
}

elseif($today==Saturday){
echo "Today is Saturday";
echo "<BR>";
echo "<img src='images/image6.gif'>";
}

elseif($today==Sunday){
echo "Today is Sunday";
echo "<BR>";
echo "<img src='images/image7.gif'>";
}

?>
```

# PHP Upload single file: -

**PHP Upload single file**

Simple PHP uploading file scripts.

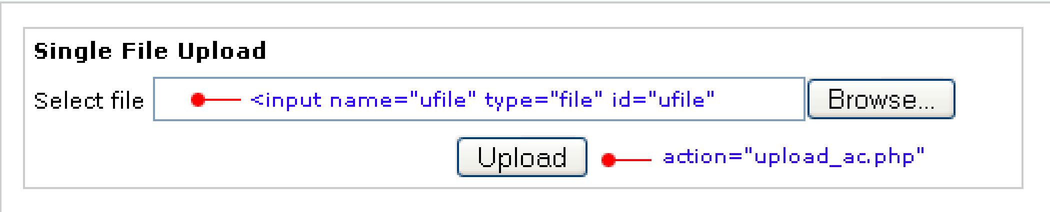
**Overview**

In this tutorial create 2 files
1. upload.php
2. upload_ac.php

Step
1. Create file upload.php.
2. Create file upload_ac.php.
3. Create folder "upload" for store uploaded files.
4. CHMOD your upload folder to "777" by using your ftp software(change permission).

### 1 Create file upload.php

**View in browser**




**############### Code**

```
<table width="500" border="0" align="center" cellpadding="0" cellspacing="1" bgcolor="#CCCCCC">
<tr>
<form action="upload_ac.php" method="post" enctype="multipart/form-data" name="form1"
id="form1">
<td>
<table width="100%" border="0" cellpadding="3" cellspacing="1" bgcolor="#FFFFFF">
<tr>
<td><strong>Single File Upload </strong></td>
</tr>
<tr>
<td>Select file
<input name="ufile" type="file" id="ufile" size="50" /></td>
</tr>
<tr>
<td align="center"><input type="submit" name="Submit" value="Upload" /></td>
</tr>
</table>
</td>
</form>
</tr>
</table>
```

### 2 Create file upload_ac.php

**############### Code**

```
<?php
```

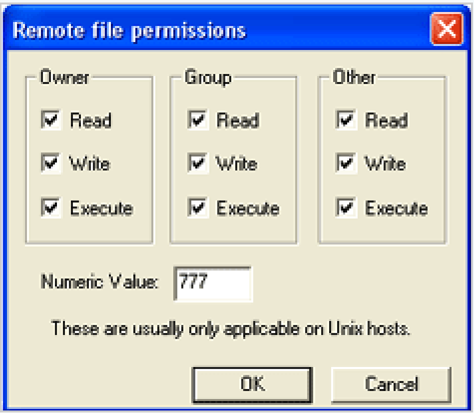
```
//set where you want to store files
//in this example we keep file in folder upload
//$HTTP_POST_FILES['ufile']['name']; = upload file name
//for example upload file name cartoon.gif . $path will be upload/cartoon.gif
$path= "upload/".$HTTP_POST_FILES['ufile']['name'];
if($ufile !=none)
{
if(copy($HTTP_POST_FILES['ufile']['tmp_name'], $path))
{
echo "Successful<BR/>";

//$HTTP_POST_FILES['ufile']['name'] = file name
//$HTTP_POST_FILES['ufile']['size'] = file size
//$HTTP_POST_FILES['ufile']['type'] = type of file
echo "File Name :".$HTTP_POST_FILES['ufile']['name']."<BR/>";
echo "File Size :".$HTTP_POST_FILES['ufile']['size']."<BR/>";
echo "File Type :".$HTTP_POST_FILES['ufile']['type']."<BR/>";
echo "<img src=\"$path\" width=\"150\" height=\"150\">";
}
else
{
echo "Error";
}
}
?>
```

**3 CHMOD upload folder to 777 (change permission)**

This step, do it when you upload to real server.

This example, I use WS-FTP, right click at upload folder > FTP Commands > CHMOD(Unix)



# PHP Multiple files Upload: -

## PHP Multiple files upload

You can upload multiple files with one time submittion. Array is a big role in this tutorial, let's see the scripts.

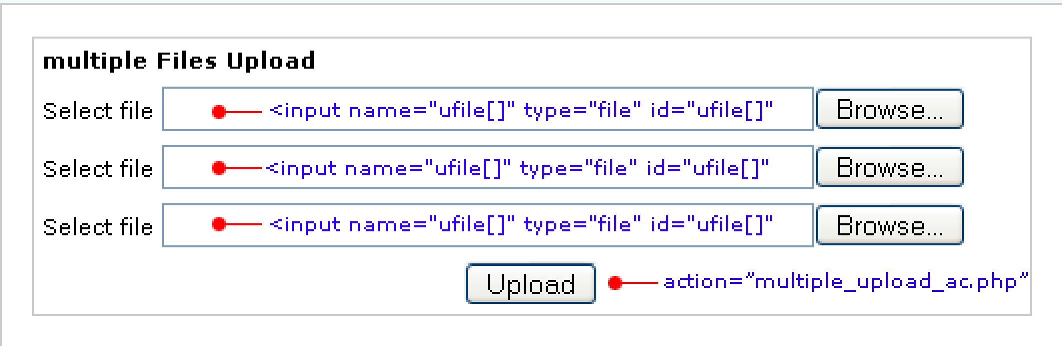
### Overview

In this tutorial create 2 files
1. multiple_upload.php
2. multiple_upload_ac.php

Step
1. Create file multiple_upload.php
2. Create file multiple_upload_ac.php
3. Create folder "upload" for store uploaded files.
.4. CHMOD your upload folder to "777" by using your ftp software(change permission).

### 1 Create file multiple_upload.php

**View in browser**




**############### Code**

```
<table width="500" border="0" align="center" cellpadding="0" cellspacing="1" bgcolor="#CCCCCC">
<tr>
<form action="multiple_upload_ac.php" method="post" enctype="multipart/form-data" name="form1"
id="form1">
<td>
<table width="100%" border="0" cellpadding="3" cellspacing="1" bgcolor="#FFFFFF">
<tr>
<td><strong>multiple Files Upload </strong></td>
</tr>
<tr>
<td>Select file
<input name="ufile[]" type="file" id="ufile[]" size="50" /></td>
</tr>
<tr>
<td>Select file
<input name="ufile[]" type="file" id="ufile[]" size="50" /></td>
```

```
</tr>
<tr>
<td>Select file
<input name="ufile[]" type="file" id="ufile[]" size="50" /></td>
</tr>
<tr>
<td align="center"><input type="submit" name="Submit" value="Upload" /></td>
</tr>
</table>
</td>
</form>
</tr>
</table>
```

**2 Create file multiple_upload_ac.php**

```
############### Code

<?php
//set where you want to store files
//in this example we keep file in folder upload
//$HTTP_POST_FILES['ufile']['name']; = upload file name
//for example upload file name cartoon.gif . $path will be upload/cartoon.gif
$path1= "upload/".$HTTP_POST_FILES['ufile']['name'][0];
$path2= "upload/".$HTTP_POST_FILES['ufile']['name'][1];
$path3= "upload/".$HTTP_POST_FILES['ufile']['name'][2];

//copy file to where you want to store file
copy($HTTP_POST_FILES['ufile']['tmp_name'][0], $path1);
copy($HTTP_POST_FILES['ufile']['tmp_name'][1], $path2);
copy($HTTP_POST_FILES['ufile']['tmp_name'][2], $path3);

//$HTTP_POST_FILES['ufile']['name'] = file name
//$HTTP_POST_FILES['ufile']['size'] = file size
//$HTTP_POST_FILES['ufile']['type'] = type of file
echo "File Name :".$HTTP_POST_FILES['ufile']['name'][0]."<BR/>";
echo "File Size :".$HTTP_POST_FILES['ufile']['size'][0]."<BR/>";
echo "File Type :".$HTTP_POST_FILES['ufile']['type'][0]."<BR/>";
echo "<img src=\"$path1\" width=\"150\" height=\"150\">";
echo "<P>";

echo "File Name :".$HTTP_POST_FILES['ufile']['name'][1]."<BR/>";
echo "File Size :".$HTTP_POST_FILES['ufile']['size'][1]."<BR/>";
echo "File Type :".$HTTP_POST_FILES['ufile']['type'][1]."<BR/>";
echo "<img src=\"$path2\" width=\"150\" height=\"150\">";
echo "<P>";

echo "File Name :".$HTTP_POST_FILES['ufile']['name'][2]."<BR/>";
echo "File Size :".$HTTP_POST_FILES['ufile']['size'][2]."<BR/>";
echo "File Type :".$HTTP_POST_FILES['ufile']['type'][2]."<BR/>";
echo "<img src=\"$path3\" width=\"150\" height=\"150\">";

///////////////////////////////////////////////////
```

```
// Use this code to display the error or success.

$filesize1=$HTTP_POST_FILES['ufile']['size'][0];
$filesize2=$HTTP_POST_FILES['ufile']['size'][1];
$filesize3=$HTTP_POST_FILES['ufile']['size'][2];

if($filesize1 && $filesize2 && $filesize3 != 0)
{
echo "We have recieved your files";
}

else {
echo "ERROR.....";
}

//////////////////////////////////////////////

// What files that have a problem? (if found)

if($filesize1==0) {
echo "There're something error in your first file";
echo "<BR />";
}

if($filesize2==0) {
echo "There're something error in your second file";
echo "<BR />";
}

if($filesize3==0) {
echo "There're something error in your third file";
echo "<BR />";
}

?>
```

# PHP Limit upload file size : -

**PHP Limit upload file size**

This upload form can limit file size.

**Overview**

In this tutorial create 2 files
1. limit_upload.php
2. limit_upload_ac.php

Step
1. Create file limit_upload.php
2. Create file limit_upload_ac.php
3. Create folder "upload" for store uploaded files.
4. CHMOD your upload folder to "777" by using your ftp software(change permission).

**1 Create file limit_upload.php**

**View in browser**




**############### Code**

```
<table width="400" border="0" align="center" cellpadding="0" cellspacing="1"
bgcolor="#CCCCCC">
<tr>
<form action="limit_upload_ac.php" method="post" enctype="multipart/form-data" name="form1"
id="form1">
<td>
<table width="100%" border="0" cellpadding="3" cellspacing="1" bgcolor="#FFFFFF">
<tr>
<td><strong>File Upload (Limit file size 50 K)</strong></td>
</tr>
<tr>
<td align="center">Select file
<input name="ufile" type="file" id="ufile" size="35" /></td>
</tr>
<tr>
<td align="center"><input type="submit" name="Submit" value="Upload" /></td>
</tr>
</table>
</td>
</form>
</tr>
</table>
```

**2 Create file limit_upload_ac.php**

**############### Code**

```php
<?php
// Define file size limit
$limit_size=50000;

//set where you want to store files
//in this example we keep file in folder upload
//$HTTP_POST_FILES['ufile']['name']; = upload file name
//for example upload file name cartoon.gif . $path will be upload/cartoon.gif
$path= "upload/".$HTTP_POST_FILES['ufile']['name'];

if($ufile !=none)
{
// Store upload file size in $file_size
$file_size=$HTTP_POST_FILES['ufile']['size'];

if($file_size >= $limit_size){
echo "Your file size is over limit<BR>";
echo "Your file size = ".$file_size;
echo " K";
echo "<BR>File size limit = 50000 k";
}
else {
//copy file to where you want to store file
if(copy($HTTP_POST_FILES['ufile']['tmp_name'], $path))
{
echo "Successful<BR/>";
echo "<img src=\"$path\" width=\"150\" height=\"150\">";
}
else
{
echo "Copy Error";
}
}
}
?>
```

# Upload and Rename File : -

## Upload and Rename File

In this tutorial show you how to rename file when upload file to server to prevent new file overwrite an old file that exists in you server.

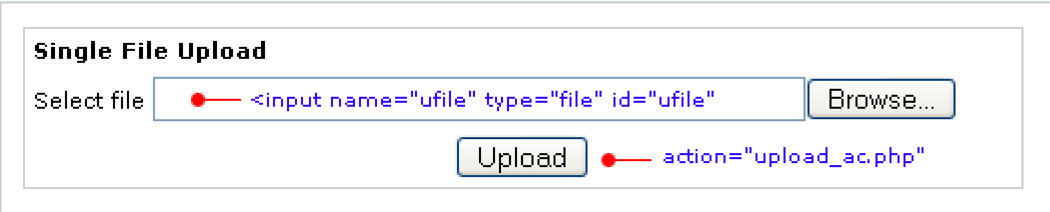
**Overview**

In this tutorial create 2 files
1. upload_rename.php
2. upload_rename_ac.php

Steps
1. Create file upload_rename.php.
2. Create file upload_rename_ac.php.
3. Create folder "upload" for store uploaded files.
4. CHMOD your upload folder to "777" by using your ftp software(change permission).

**1 Create file upload_rename.php**

**View in browser**




**############### Code**

```
<table width="500" border="0" align="center" cellpadding="0" cellspacing="1" bgcolor="#CCCCCC">
<tr>
<form action="upload_rename_ac.php" method="post" enctype="multipart/form-data" name="form1"
id="form1">
<td>
<table width="100%" border="0" cellpadding="3" cellspacing="1" bgcolor="#FFFFFF">
<tr>
<td><strong>Single File Upload </strong></td>
</tr>
<tr>
<td>Select file
<input name="ufile" type="file" id="ufile" size="50" /></td>
</tr>
<tr>
<td align="center"><input type="submit" name="Submit" value="Upload" /></td>
</tr>
</table>
</td>
</form>
</tr>
</table>
```

**2 Create file upload_rename_ac.php**

**############### Code**

```php
<?php

// Your file name you are uploading
$file_name = $HTTP_POST_FILES['ufile']['name'];

// random 4 digit to add to our file name
// some people use date and time in stead of random digit
$random_digit=rand(0000,9999);

//combine random digit to you file name to create new file name
//use dot (.) to combile these two variables

$new_file_name=$random_digit.$file_name;

//set where you want to store files
//in this example we keep file in folder upload
//$new_file_name = new upload file name
//for example upload file name cartoon.gif . $path will be upload/cartoon.gif
$path= "upload/".$new_file_name;
if($ufile !=none)
{
if(copy($HTTP_POST_FILES['ufile']['tmp_name'], $path))
{
echo "Successful<BR/>";

//$new_file_name = new file name
//$HTTP_POST_FILES['ufile']['size'] = file size
//$HTTP_POST_FILES['ufile']['type'] = type of file
echo "File Name :".$new_file_name."<BR/>";
echo "File Size :".$HTTP_POST_FILES['ufile']['size']."<BR/>";
echo "File Type :".$HTTP_POST_FILES['ufile']['type']."<BR/>";
}
else
{
echo "Error";
}
}
?>
```

## Add and Update and Delete in PHP&MYSQL: -

## First: Add in PHP&MYSQL:-

# Inserting data into mysql

This tutorial will show you how to insert data into mysql database.

**Syntax**

```
"INSERT INTO table_name(column_name1, column_name2)VALUES('value1, 'value2')" ;
```

**Overview**

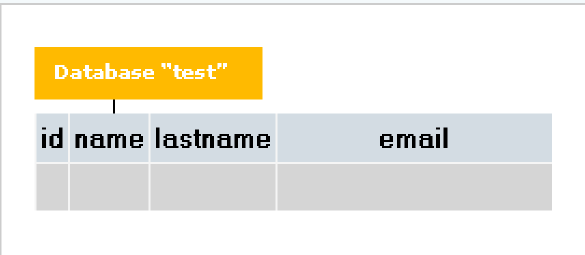
In this tutorial create 2 files
1. insert.php
2. insert_ac.php

Step
1. Create table "test_mysql" in database "test".
2. Create file insert.php.
3. Create file insert_ac.php.

If you don't know how to create database and table click here to learn

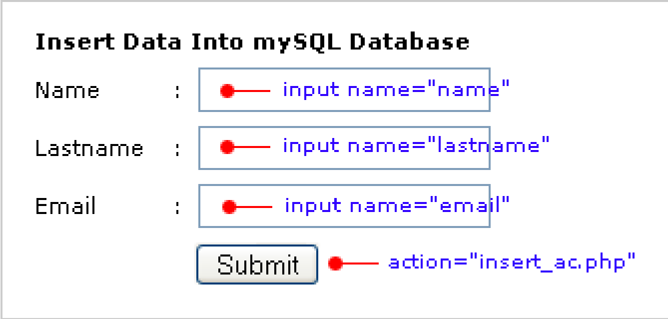
**1 Create table "test_mysql"**

```
CREATE TABLE `test_mysql` (
`id` int(4) NOT NULL auto_increment,
`name` varchar(65) NOT NULL default '',
`lastname` varchar(65) NOT NULL default '',
`email` varchar(65) NOT NULL default '',
PRIMARY KEY (`id`)
) TYPE=MyISAM AUTO_INCREMENT=0 ;
```




**2 Create file insert.php**

**View In Browser**

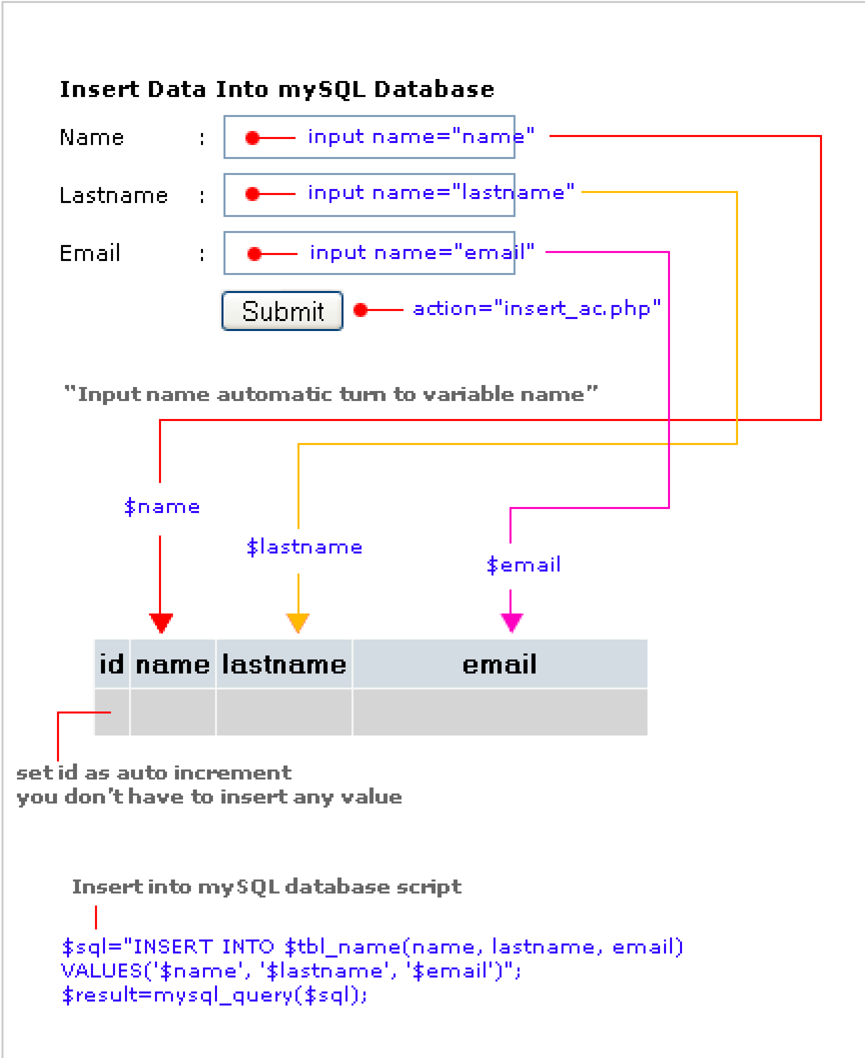



**############### Code**

```
<table width="300" border="0" align="center" cellpadding="0" cellspacing="1">
<tr>
<td><form name="form1" method="post" action="insert_ac.php">
<table width="100%" border="0" cellspacing="1" cellpadding="3">
<tr>
<td colspan="3"><strong>Insert Data Into mySQL Database </strong></td>
</tr>
<tr>
<td width="71">Name</td>
<td width="6">:</td>
<td width="301"><input name="name" type="text" id="name"></td>
</tr>
<tr>
<td>Lastname</td>
<td>:</td>
<td><input name="lastname" type="text" id="lastname"></td>
</tr>
<tr>
<td>Email</td>
<td>:</td>
<td><input name="email" type="text" id="email"></td>
</tr>
<tr>
<td colspan="3" align="center"><input type="submit" name="Submit" value="Submit"></td>
</tr>
</table>
</form>
</td>
</tr>
</table>
```

**3 Create file insert_ac.php**

**Diagram**




**############## Code**

```
<?php

$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="test_mysql"; // Table name

// Connect to server and select database.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

// Get values from form
$name=$_POST['name'];
$lastname=$_POST['lastname'];
$email=$_POST['email'];

// Insert data into mysql
$sql="INSERT INTO $tbl_name(name, lastname, email)VALUES('$name', '$lastname', '$email')";
$result=mysql_query($sql);
```

```
// if successfully insert data into database, displays message "Successful".
if($result){
echo "Successful";
echo "<BR>";
echo "<a href='insert.php'>Back to main page</a>";
}

else {
echo "ERROR";
}

// close connection
mysql_close();
?>
```

# Second: Update in PHP&MYSQL:-

## Updating data in MYSQL:-

### Updating data in mysql

Update/Edit data from mysql database, can do it easily.

**Syntax**

```
"UPDATE table_name SET column_name1=' value', column_name2=' value' WHERE column_name=' value' ";
```

**Overview**

In this tutorial create 3 files
1. list_records.php
2. update.php
3. update_ac.php

Step
1. Create table "test_mysql" in database "test"
2. Create file list_records.php
3. Create file update.php
4. Create file update_ac.php

1 **Set up database**

```
CREATE TABLE `test_mysql` (
`id` int(4) NOT NULL auto_increment,
`name` varchar(65) NOT NULL default '',
`lastname` varchar(65) NOT NULL default '',
`email` varchar(65) NOT NULL default '',
PRIMARY KEY (`id`)
) TYPE=MyISAM AUTO_INCREMENT=7 ;

--
-- Dumping data for table `test_mysql`
--

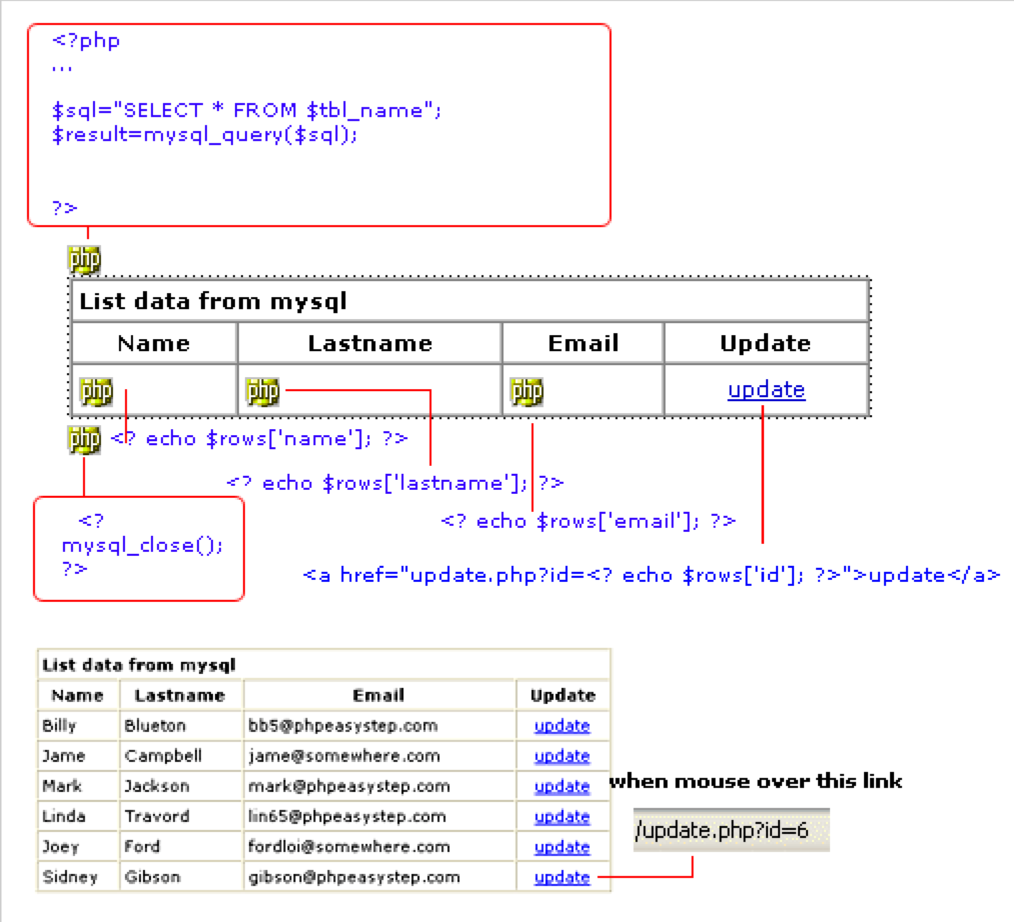
INSERT INTO `test_mysql` VALUES (1, 'Billly', 'Blueton', 'bb5@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (2, 'Jame', 'Campbell', 'jame@somewhere.com');
INSERT INTO `test_mysql` VALUES (3, 'Mark', 'Jackson', 'mark@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (4, 'Linda', 'Travor', 'lin65@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (5, 'Joey', 'Ford', 'fordloi@somewhere.com');
INSERT INTO `test_mysql` VALUES (6, 'Sidney', 'Gibson', 'gibson@phpeasystep.com');
```

**Database "test"**

| id | name | lastname | email |
|---|---|---|---|
| | | | |

**2 Create file - list_records.php**

**View In Dreamweaver / Browser**




```
############### Code

<?php
$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="test_mysql"; // Table name

// Connect to server and select database.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

$sql="SELECT * FROM $tbl_name";
$result=mysql_query($sql);
?>
<table width="400" border="0" cellspacing="1" cellpadding="0">
<tr>
<td>
<table width="400" border="1" cellspacing="0" cellpadding="3">
<tr>
<td colspan="4"><strong>List data from mysql </strong> </td>
</tr>

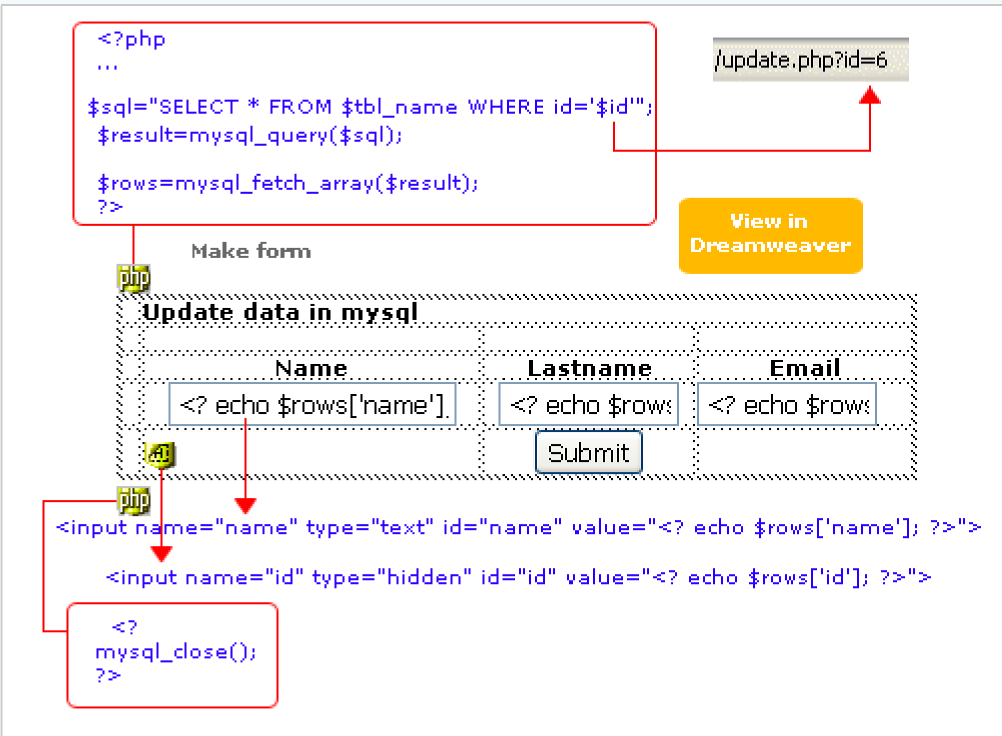
<tr>
<td align="center"><strong>Name</strong></td>
<td align="center"><strong>Lastname</strong></td>
```

```
<td align="center"><strong>Email</strong></td>
<td align="center"><strong>Update</strong></td>
</tr>
<?php
while($rows=mysql_fetch_array($result)){
?>
<tr>
<td><? echo $rows['name']; ?></td>
<td><? echo $rows['lastname']; ?></td>
<td><? echo $rows['email']; ?></td>

// link to update.php and send value of id
<td align="center"><a href="update.php?id=<? echo $rows['id']; ?>">update</a></td>
</tr>
<?php
}
?>
</table>
</td>
</tr>
</table>
<?php
mysql_close();
?>
```

**3 Create file - update.php**

**View In Dreamweaver**



**############### Code**

```
<?php
$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="test_mysql"; // Table name

// Connect to server and select database.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

// get value of id that sent from address bar
$id=$_GET['id'];


// Retrieve data from database
$sql="SELECT * FROM $tbl_name WHERE id='$id'";
$result=mysql_query($sql);

$rows=mysql_fetch_array($result);
?>
<table width="400" border="0" cellspacing="1" cellpadding="0">
<tr>
<form name="form1" method="post" action="update_ac.php">
<td>
<table width="100%" border="0" cellspacing="1" cellpadding="0">
<tr>
<td> </td>
<td colspan="3"><strong>Update data in mysql</strong> </td>
</tr>
<tr>
<td align="center"> </td>
<td align="center"> </td>
<td align="center"> </td>
<td align="center"> </td>
</tr>
<tr>
<td align="center"> </td>
<td align="center"><strong>Name</strong></td>
<td align="center"><strong>Lastname</strong></td>
<td align="center"><strong>Email</strong></td>
</tr>
<tr>
<td> </td>
<td align="center"><input name="name" type="text" id="name" value="<? echo $rows['name'];
?>"></td>
<td align="center"><input name="lastname" type="text" id="lastname" value="<? echo
$rows['lastname']; ?>" size="15"></td>
<td><input name="email" type="text" id="email" value="<? echo $rows['email']; ?>"
size="15"></td>
</tr>
<tr>
<td> </td>
<td><input name="id" type="hidden" id="id" value="<? echo $rows['id']; ?>"></td>
<td align="center"><input type="submit" name="Submit" value="Submit"></td>
<td> </td>
</tr>
```

```
</table>
</td>
</form>
</tr>
</table>

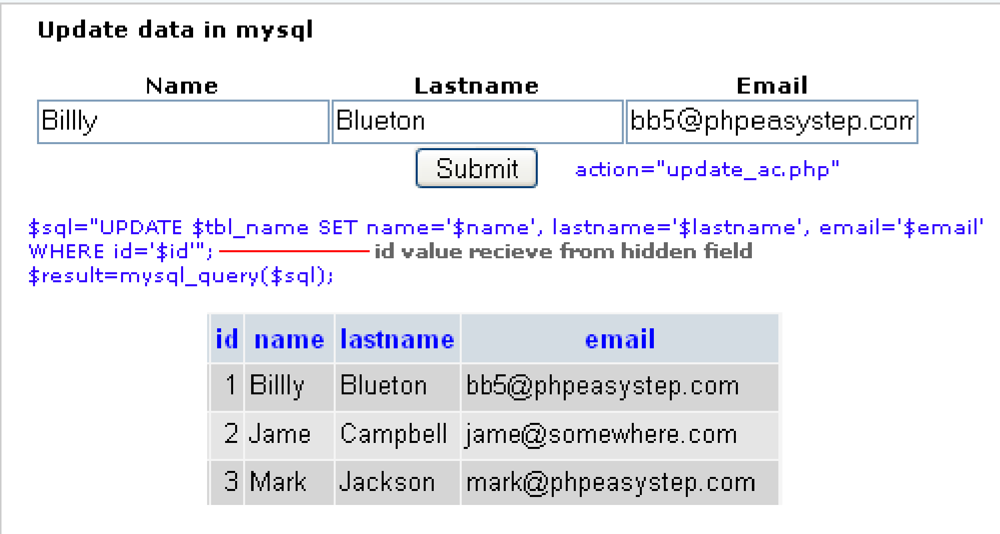
<?

// close connection
mysql_close();

?>
```

**4 Create file update_ac.php**

**View In Browser**



**Update data in mysql**

| Name | Lastname | Email |
|---|---|---|
| Billly | Blueton | bb5@phpeasystep.com |

Submit   action="update_ac.php"

$sql="UPDATE $tbl_name SET name='$name', lastname='$lastname', email='$email' WHERE id='$id'"; —— id value recieve from hidden field
$result=mysql_query($sql);

| id | name | lastname | email |
|---|---|---|---|
| 1 | Billly | Blueton | bb5@phpeasystep.com |
| 2 | Jame | Campbell | jame@somewhere.com |
| 3 | Mark | Jackson | mark@phpeasystep.com |

**############### Code**

```
<?php
$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="test_mysql"; // Table name

// Connect to server and select database.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

// update data in mysql database
$sql="UPDATE $tbl_name SET name='$name', lastname='$lastname', email='$email' WHERE id='$id'";
$result=mysql_query($sql);

// if successfully updated.
if($result){
echo "Successful";
```

```
echo "<BR>";
echo "<a href='list_records.php'>View result</a>";
}

else {
echo "ERROR";
}

?>
```

# Updating multiple rows in MYSQL:-

## Updating multiple rows in mysql

This tutorial will show you how to update multiple rows with one time submittion. Easy and simple code teach you step by step.

**Syntax**

```
"UPDATE table_name SET column_name1=' value[$array]', column_name2=' value[$array]' WHERE
column_name=' value[$array]' ";
```

**Overview**

In this tutorial create 1 file
1. update_multiple.php

Step
1. Create table "test_mysql" in database "test".
2. Create file update_multiple.php.

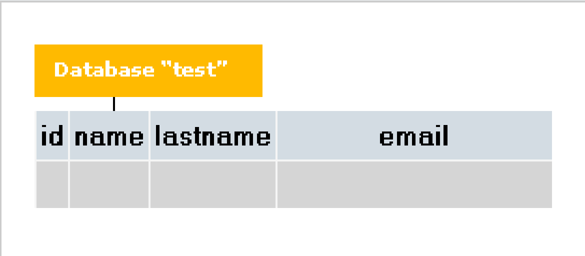
**1 Create table "test_mysql"**

```
CREATE TABLE `test_mysql` (
`id` int(4) NOT NULL auto_increment,
`name` varchar(65) NOT NULL default '',
`lastname` varchar(65) NOT NULL default '',
`email` varchar(65) NOT NULL default '',
PRIMARY KEY (`id`)
```

```
) TYPE=MyISAM AUTO_INCREMENT=7 ;

--
-- Dumping data for table `test_mysql`
--

INSERT INTO `test_mysql` VALUES (1, 'Billly', 'Blueton', 'bb5@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (2, 'Jame', 'Campbell', 'jame@somewhere.com');
INSERT INTO `test_mysql` VALUES (3, 'Mark', 'Jackson', 'mark@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (4, 'Linda', 'Travor', 'lin65@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (5, 'Joey', 'Ford', 'fordloi@somewhere.com');
INSERT INTO `test_mysql` VALUES (6, 'Sidney', 'Gibson', 'gibson@phpeasystep.com');
```




**2 Create file - update_multiple.php**

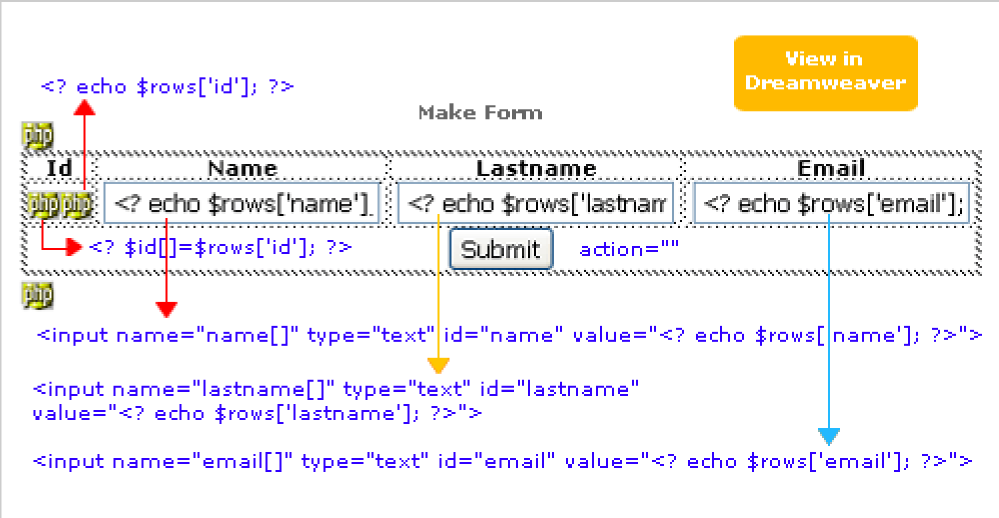
**View In Browser**

| Id | Name | Lastname | Email |
|---|---|---|---|
| 1 | Billly | Blueton | bb5@phpeasystep.com |
| 2 | Jame | Campbell | jame@somewhere.com |
| 3 | Mark | Jackson | mark@phpeasystep.co |
| 4 | Linda | Travor | lin65@phpeasystep.cor |
| 5 | Joey | Ford | fordloi@somewhere.cor |
| 6 | Sidney | Gibson | gibson@phpeasystep.c |

Submit

```
if($Submit){
for($i=0;$i<$count;$i++){
$sql1="UPDATE $tbl_name SET name='$name[$i]', lastname='$lastname[$i]',
email='$email[$i]' WHERE id='$id[$i]'";
$result1=mysql_query($sql1);
}
}
```

**View in Dreamweaver**




**############### Code**

```
<strong>Update multiple rows in mysql</strong><br>

<?php
$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="test_mysql"; // Table name

// Connect to server and select databse.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

$sql="SELECT * FROM $tbl_name";
$result=mysql_query($sql);

// Count table rows
$count=mysql_num_rows($result);
?>
<table width="500" border="0" cellspacing="1" cellpadding="0">
<form name="form1" method="post" action="">
<tr>
<td>
<table width="500" border="0" cellspacing="1" cellpadding="0">


<tr>
<td align="center"><strong>Id</strong></td>
<td align="center"><strong>Name</strong></td>
<td align="center"><strong>Lastname</strong></td>
<td align="center"><strong>Email</strong></td>
</tr>
<?php
while($rows=mysql_fetch_array($result)){
?>
<tr>
<td align="center"><? $id[]=$rows['id']; ?><? echo $rows['id']; ?></td>
<td align="center"><input name="name[]" type="text" id="name" value="<? echo $rows['name'];
?>"></td>
```

```
<td align="center"><input name="lastname[]" type="text" id="lastname" value="<? echo
$rows['lastname']; ?>"></td>
<td align="center"><input name="email[]" type="text" id="email" value="<? echo $rows['email'];
?>"></td>
</tr>
<?php
}
?>
<tr>
<td colspan="4" align="center"><input type="submit" name="Submit" value="Submit"></td>
</tr>
</table>
</td>
</tr>
</form>
</table>
<?php
// Check if button name "Submit" is active, do this
if($Submit){
for($i=0;$i<$count;$i++){
$sql1="UPDATE $tbl_name SET name='$name[$i]', lastname='$lastname[$i]', email='$email[$i]'
WHERE id='$id[$i]'";
$result1=mysql_query($sql1);
}
}

if($result1){
header("location:update_multiple.php");
}
mysql_close();
?>
```

# Third: Delete in PHP&MYSQL: -

## Deleting data From MYSQL:-

### Deleting data From mysql

Delete unwanted data from your mysql database.

**Syntax**

"DELETE FROM table_name WHERE column_name=' value' ";

**Overview**

In this tutorial create 2 files
1. delete.php
2. delete_ac.php

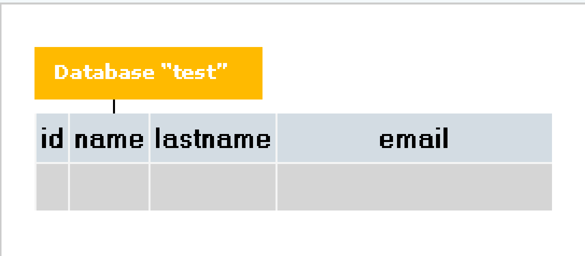
Step
1. Create table "test_mysql" in database "test".
2. Create file delete.php.
3. Create file delete_ac.php.

**1 Set up database**

```
CREATE TABLE `test_mysql` (
`id` int(4) NOT NULL auto_increment,
`name` varchar(65) NOT NULL default '',
`lastname` varchar(65) NOT NULL default '',
`email` varchar(65) NOT NULL default '',
PRIMARY KEY (`id`)
) TYPE=MyISAM AUTO_INCREMENT=7 ;

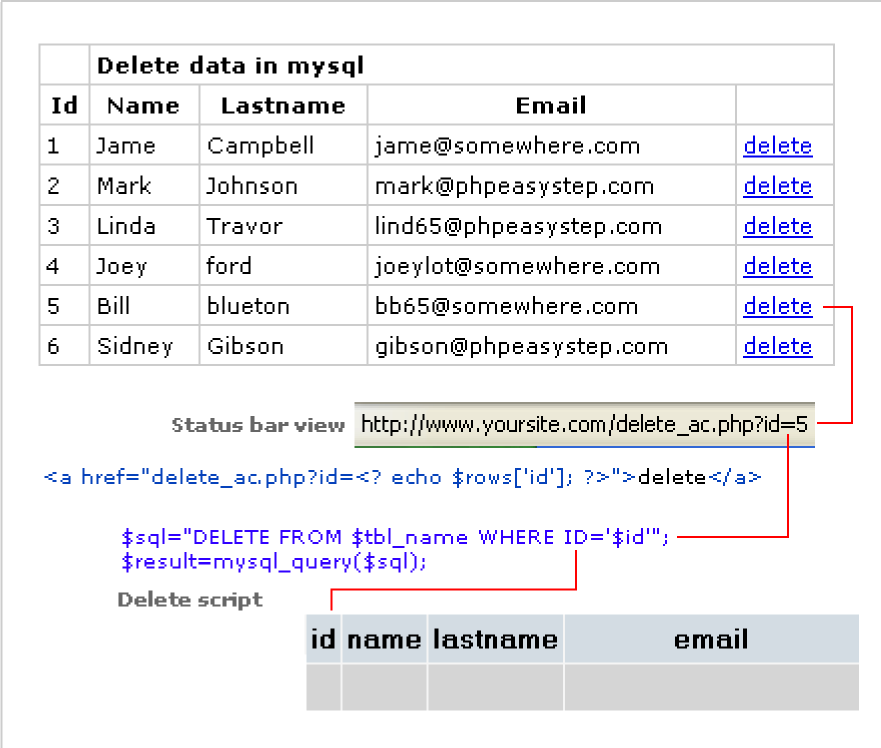

--
-- Dumping data for table `test_mysql`
--

INSERT INTO `test_mysql` VALUES (1, 'Billly', 'Blueton', 'bb5@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (2, 'Jame', 'Campbell', 'jame@somewhere.com');
INSERT INTO `test_mysql` VALUES (3, 'Mark', 'Jackson', 'mark@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (4, 'Linda', 'Travor', 'lin65@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (5, 'Joey', 'Ford', 'fordloi@somewhere.com');
INSERT INTO `test_mysql` VALUES (6, 'Sidney', 'Gibson', 'gibson@phpeasystep.com');
```




**2 Create file - delete.php**

**View In Browser / Diagram**




**############### Code**

```
<?php

$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="test_mysql"; // Table name

// Connect to server and select database.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

// select record from mysql
$sql="SELECT * FROM $tbl_name";
$result=mysql_query($sql);

?>
<table width="400" border="0" cellspacing="1" cellpadding="0">
<tr>
<td><table width="400%" border="0" cellpadding="3" cellspacing="1" bgcolor="#CCCCCC">
<tr>
<td bgcolor="#FFFFFF"> </td>
<td colspan="4" bgcolor="#FFFFFF"><strong>Delete data in mysql</strong> </td>
</tr>
<tr>
<td align="center" bgcolor="#FFFFFF"><strong>Id</strong></td>
<td align="center" bgcolor="#FFFFFF"><strong>Name</strong></td>
<td align="center" bgcolor="#FFFFFF"><strong>Lastname</strong></td>
<td align="center" bgcolor="#FFFFFF"><strong>Email</strong></td>
<td align="center" bgcolor="#FFFFFF"> </td>
</tr>
```

```
<?php
while($rows=mysql_fetch_array($result)){
?>
<tr>
<td bgcolor="#FFFFFF"><? echo $rows['id']; ?></td>
<td bgcolor="#FFFFFF"><? echo $rows['name']; ?></td>
<td bgcolor="#FFFFFF"><? echo $rows['lastname']; ?></td>
<td bgcolor="#FFFFFF"><? echo $rows['email']; ?></td>
<td bgcolor="#FFFFFF"><a href="delete_ac.php?id=<? echo $rows['id']; ?>">delete</a></td>
</tr>
<?

// close while loop
}

// close connection;
mysql_close();

?>
</table></td>
</tr>
</table>
```

**3 Create file delete_ac.php**

```
############### Code

<?php

$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="test_mysql"; // Table name

// Connect to server and select databse.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

// get value of id that sent from address bar
$id=$_GET['id'];

// Delete data in mysql from row that has this id
$sql="DELETE FROM $tbl_name WHERE id='$id'";
$result=mysql_query($sql);

// if successfully deleted
if($result){
echo "Deleted Successfully";
echo "<BR>";
echo "<a href='delete.php'>Back to main page</a>";
}

else {
echo "ERROR";
}
```

```
// close connection
mysql_close();

?>
```

# Deleting multiple rows from MYSQL with checkbox:-

## Deleting multiple rows from MYSQL with checkbox

Delete multiple rows from **MYSQL** with checkbox

**Syntax**

```
"DELETE FROM table_name WHERE column_name = ' value' ";
```

**Overview**

In this tutorial create 1 file
1. delete_multiple.php

Step
1. Create table"test_mysql" in database "test".
2. Create file delete_multiple.php.

**1 Create table "test_mysql"**

```
CREATE TABLE `test_mysql` (
`id` int(4) NOT NULL auto_increment,
`name` varchar(65) NOT NULL default '',
`lastname` varchar(65) NOT NULL default '',
`email` varchar(65) NOT NULL default '',
PRIMARY KEY (`id`)
) TYPE=MyISAM AUTO_INCREMENT=7 ;

--
-- Dumping data for table `test_mysql`
--

INSERT INTO `test_mysql` VALUES (1, 'Billly', 'Blueton', 'bb5@phpeasystep.com');
```

```
INSERT INTO `test_mysql` VALUES (2, 'Jame', 'Campbell', 'jame@somewhere.com');
INSERT INTO `test_mysql` VALUES (3, 'Mark', 'Jackson', 'mark@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (4, 'Linda', 'Travor', 'lin65@phpeasystep.com');
INSERT INTO `test_mysql` VALUES (5, 'Joey', 'Ford', 'fordloi@somewhere.com');
INSERT INTO `test_mysql` VALUES (6, 'Sidney', 'Gibson', 'gibson@phpeasystep.com');
```

Database "test"

| id | name | lastname | email |
|---|---|---|---|
| | | | |

**2** **Create file delete_multiple.php**

**View in browser**

| | Delete multiple rows in mysql | | | |
|---|---|---|---|---|
| # | Id | Name | Lastname | Email |
| ☐ | 1 | Billly | Blueton | bb5@phpeasystep.com |
| ☑ | 2 | Jame | Campbell | jame@somewhere.com |
| ☑ | 3 | Mark | Jackson | mark@phpeasystep.com |
| ☐ | 4 | Linda | Travor | lin65@phpeasystep.com |
| ☑ | 5 | Joey | Ford | fordloi@somewhere.com |
| ☐ | 6 | Sidney | Gibson | gibson@phpeasystep.com |
| | | Delete | | |

**############### Code**

```
<?php
$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="test_mysql"; // Table name

// Connect to server and select databse.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

$sql="SELECT * FROM $tbl_name";
$result=mysql_query($sql);
```

```
$count=mysql_num_rows($result);

?>
<table width="400" border="0" cellspacing="1" cellpadding="0">
<tr>
<td><form name="form1" method="post" action="">
<table width="400" border="0" cellpadding="3" cellspacing="1" bgcolor="#CCCCCC">
<tr>
<td bgcolor="#FFFFFF"> </td>
<td colspan="4" bgcolor="#FFFFFF"><strong>Delete multiple rows in mysql</strong> </td>
</tr>
<tr>
<td align="center" bgcolor="#FFFFFF">#</td>
<td align="center" bgcolor="#FFFFFF"><strong>Id</strong></td>
<td align="center" bgcolor="#FFFFFF"><strong>Name</strong></td>
<td align="center" bgcolor="#FFFFFF"><strong>Lastname</strong></td>
<td align="center" bgcolor="#FFFFFF"><strong>Email</strong></td>
</tr>
<?php
while($rows=mysql_fetch_array($result)){
?>
<tr>
<td align="center" bgcolor="#FFFFFF"><input name="checkbox[]" type="checkbox" id="checkbox[]"
value="<? echo $rows['id']; ?>"></td>
<td bgcolor="#FFFFFF"><? echo $rows['id']; ?></td>
<td bgcolor="#FFFFFF"><? echo $rows['name']; ?></td>
<td bgcolor="#FFFFFF"><? echo $rows['lastname']; ?></td>
<td bgcolor="#FFFFFF"><? echo $rows['email']; ?></td>
</tr>
<?php
}
?>
<tr>
<td colspan="5" align="center" bgcolor="#FFFFFF"><input name="delete" type="submit" id="delete"
value="Delete"></td>
</tr>
<?
// Check if delete button active, start this
if($delete){
for($i=0;$i<$count;$i++){
$del_id = $checkbox[$i];
$sql = "DELETE FROM $tbl_name WHERE id='$del_id'";
$result = mysql_query($sql);
}

// if successful redirect to delete_multiple.php
if($result){
echo "<meta http-equiv=\"refresh\" content=\"0;URL=delete_multiple.php\">";
}
}
mysql_close();
?>
</table>
</form>
</td>
</tr>
</table>
```

# Creating a simple PHP guestbook:-

## Creating a simple PHP guestbook

Creating simple PHP guestbook

**Overview**

In this tutorial create 3 files
1. guestbook.php
2. addguestbook.php
3. viewguestbook.php

Step
1. Create table name "guestbook" in database "test".
2. Create file guestbook.php.
3. Create file addguestbook. php.
4. Create file viewguestbook.php

**1 Set up database**

Database "test"

Table "guestbook"

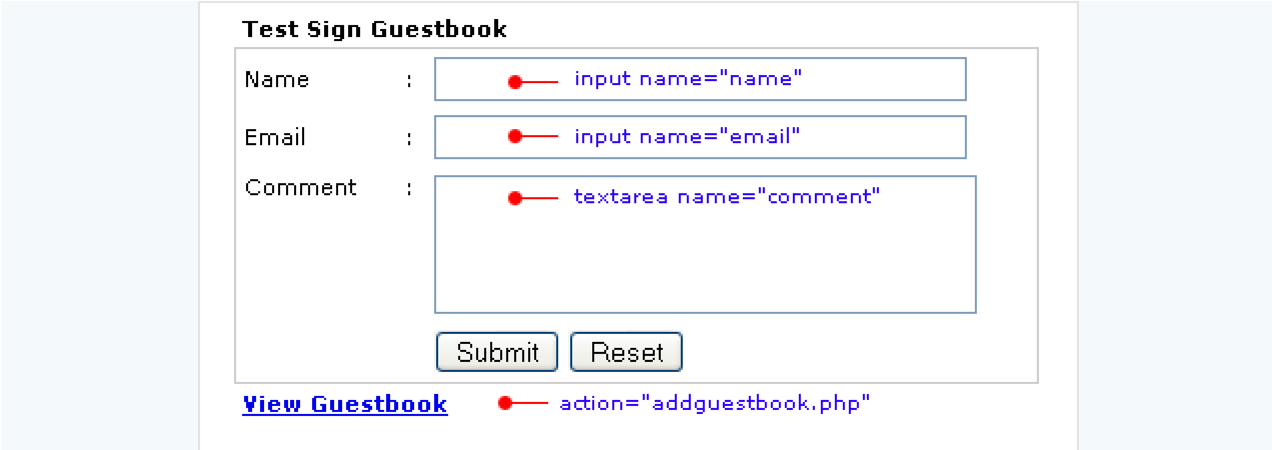
| id | name | email | comment | datetime |
|---|---|---|---|---|
| 1 | John Smith | john752@ggmail.com | Good Website! | 06/11/05 06:17:03 |

```
CREATE TABLE `guestbook` (
`id` int(4) NOT NULL auto_increment,
`name` varchar(65) NOT NULL default '',
`email` varchar(65) NOT NULL default '',
`comment` longtext NOT NULL,
`datetime` varchar(65) NOT NULL default '',
PRIMARY KEY (`id`)
) ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

**If you don't know how to create database and table, read this tutorial**

**2 Create file guestbook.php**

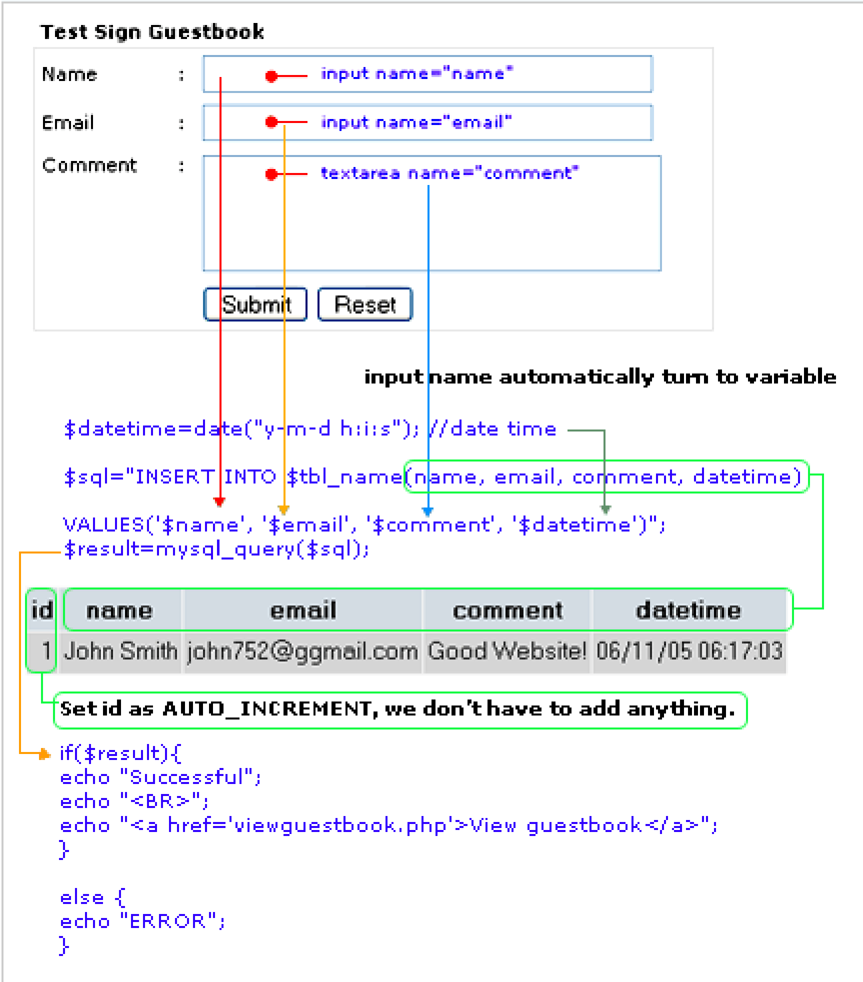
**View in Browser**




**############### Code**

```
<table width="400" border="0" align="center" cellpadding="3" cellspacing="0">
<tr>
<td><strong>Test Sign Guestbook </strong></td>
</tr>
</table>
<table width="400" border="0" align="center" cellpadding="0" cellspacing="1" bgcolor="#CCCCCC">
<tr>
<form id="form1" name="form1" method="post" action="addguestbook.php">
<td>
<table width="400" border="0" cellpadding="3" cellspacing="1" bgcolor="#FFFFFF">
<tr>
<td width="117">Name</td>
<td width="14">:</td>
<td width="357"><input name="name" type="text" id="name" size="40" /></td>
</tr>
<tr>
<td>Email</td>
<td>:</td>
<td><input name="email" type="text" id="email" size="40" /></td>
</tr>
<tr>
<td valign="top">Comment</td>
<td valign="top">:</td>
<td><textarea name="comment" cols="40" rows="3" id="comment"></textarea></td>
</tr>
<tr>
<td> </td>
<td> </td>
<td><input type="submit" name="Submit" value="Submit" /> <input type="reset" name="Submit2"
value="Reset" /></td>
</tr>
</table>
</td>
</form>
</tr>
</table>
<table width="400" border="0" align="center" cellpadding="3" cellspacing="0">
<tr>
<td><strong><a href="viewguestbook.php">View Guestbook</a> </strong></td>
</tr>
</table>
```

**3 create file addguestbook.php**




**############### Code**

```
<?php
$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="guestbook"; // Table name

// Connect to server and select database.
mysql_connect("$host", "$username", "$password")or die("cannot connect server ");
mysql_select_db("$db_name")or die("cannot select DB");

$datetime=date("y-m-d h:i:s"); //date time

$sql="INSERT INTO $tbl_name(name, email, comment, datetime)VALUES('$name', '$email',
'$comment', '$datetime')";
```

```
$result=mysql_query($sql);

//check if query successful
if($result){
echo "Successful";
echo "<BR>";
echo "<a href='viewguestbook.php'>View guestbook</a>"; // link to view guestbook page
}

else {
echo "ERROR";
}

mysql_close();
?>
```

# Sending forgotten password:-

## Sending forgotten password

This php tutorial shows you how to send password to members via e-mail address when they forgot their password

**Overview**

Mark Jackson is one of our member but he forgot his password for login to our website. We'll send him password to his e-mail address.

In this tutorial create 2 file and 1 database
1. forgot_password.php
2. send_password_ac.php

Database
1. members

**Syntax**

```
$email_to=$_POST['email_to'];

"SELECT password FROM table_name WHERE email='$email_to'";
```

**1** **Create table "members"**

This is our database, table "Members" Mark jackson's password is "951412dwe" and his e-mail is "mark@phpeaststep.com"

Table "Members"

| id | name | lastname | email | password |
|---|---|---|---|---|
| 1 | Billly | Blueton | bb5@phpeasystep.com | 789789 |
| 2 | Jame | Campbell | jame@somewhere.com | 654123ddf |
| 3 | Mark | Jackson | mark@phpeasystep.com | 951412dwe |

```
CREATE TABLE `members` (
`id` int(4) NOT NULL auto_increment,
`name` varchar(65) NOT NULL default '',
`lastname` varchar(65) NOT NULL default '',
`email` varchar(65) NOT NULL default '',
`password` varchar(65) NOT NULL default '',
PRIMARY KEY (`id`)
) ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=4 ;

--
-- Dumping data for table `test_mysql`
--

INSERT INTO `members` VALUES (1, 'Billly', 'Blueton', 'email_1@somewhere.com', '789789');
INSERT INTO `members` VALUES (2, 'Jame', 'Campbell', 'email_2@somewhere.com', '654123ddf');
INSERT INTO `members` VALUES (3, 'Mark', 'Jackson', 'email_4@somewhere.com', '951412dwe');
```

* replace email_1, 2 , 3 with your e-mail address for testing

**2** **forgot_password.php**

**Enter your email :** mark@phpeasystep.com [Submit]

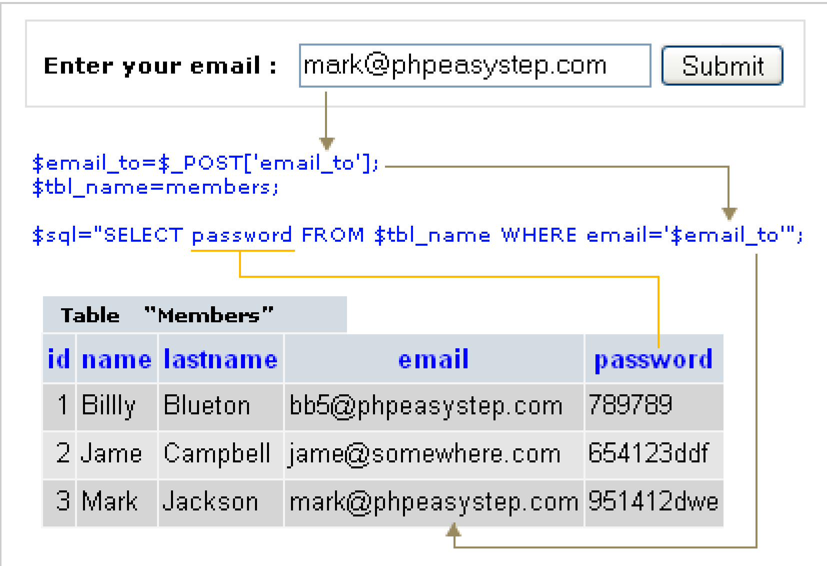
Create form and text field, name it "email_to" action at "send_password_ac.php"

**############### Code**

```
<table width="380" border="0" cellpadding="3" cellspacing="1" >
<tr>
```

```
<td width="33%"><strong>Enter your email : </strong></td>
<td width="67%"><form name="form1" method="post" action="send_password_ac.php">
<input name="email_to" type="text" id="mail_to" size="25">
<input type="submit" name="Submit" value="Submit">
</form>
</td>
</tr>
</table>
```

**3 send_password_ac.php**




**What to do?**
1. after press submit button the form will send e-mail address to "send_password_ac.php".
2. at "send_password_ac.php" we have to find this e-mail address in our database.
3. if found this e-mail in our database give password to variable name "$your_password" and send this variable to e-mail that sent from our form.
4. if not found this e-mail in database, displays message "Not found your e-mail in our database"

**############## Code**

```
<?

$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name=""; // Database name


//Connect to server and select databse.
mysql_connect("$host", "$username", "$password")or die("cannot connect to server");
mysql_select_db("$db_name")or die("cannot select DB");

// value sent from form
$email_to=$_POST['email_to'];

// table name
```

```
$tbl_name=members;

// retrieve password from table where e-mail = $email_to(mark@phpeasystep.com)
$sql="SELECT password FROM $tbl_name WHERE email='$email_to'";
$result=mysql_query($sql);

// if found this e-mail address, row must be 1 row
// keep value in variable name "$count"
$count=mysql_num_rows($result);

// compare if $count =1 row
if($count==1){

$rows=mysql_fetch_array($result);

// keep password in $your_password
$your_password=$rows['password'];

// ---------------- SEND MAIL FORM ----------------

// send e-mail to ...
$to=$email_to;

// Your subject
$subject="Your password here";

// From
$header="from: your name <your email>";

// Your message
$messages= "Your password for login to our website \r\n";
$messages.="Your password is $your_password \r\n";
$messages.="more message... \r\n";

// send email
$sentmail = mail($to,$subject,$messages,$header);

}

// else if $count not equal 1
else {
echo "Not found your email in our database";
}

// if your email succesfully sent
if($sentmail){
echo "Your Password Has Been Sent To Your Email Address.";
}
else {
echo "Cannot send password to your e-mail address";
}

?>
```

*****Update*****

I've got a lot of complains about security of sending the real password that exists in dabbase. This may cause

some troubles.

a new way to send password you can adapt from my verifying email tutorial

**concept**
- your user insert email to request password form
- find that email in our database
- if found, random a confirmation code and send it to email address to verify the email and also keep confirmation code in temp_database(don't forget to creates it first)
- when your user open email and click on confirmation link
- random and send new random password to email address again
- random new password you can use this code

```
<?

$random_password=md5(uniqid(rand()));
$new_password=substr($random_password, 0, 8);

echo $new_password;

?>
```

- After email has been sent, update an old password in database to a new random password.

- If you can wait i'm writing on it now, waits for a few day

# Order MYSQL results :-

## Order MYSQL results

In this tutorial, you'll learn how to sort MySQL result. You can sort MySQL result by ascending, descending and random MySQL result.

**Overview**

You can order MySQL results using "ORDER BY" 1. ORDER BY column_name ASC , 2. ORDER BY column_name DESC, 3. ORDER BY RAND().

1. ORDER BY column_name ASC is order by ascending.
2. ORDER BY column_name DESC is order results by descending.

3. ORDE BY RAND() is order results by random.

If you're not set this up the default is order results by ascending.

**Syntax**

"SELECT column_name FROM table_name **ORDER BY column_name ASC**";
or
"SELECT column_name FROM table_name";
- This will select the records from mysql by ascending (ascending is the default value).

"SELECT column_name FROM table_name **ORDER BY column_name DESC**";
- This will select the records from mysql by descending

"SELECT column_name FROM table_name **ORDER BY RAND()**";
- This will select the records from mysql by random

**1 Example Order by ascending**

**ORDER BY id ASC**

| Id | Name | Lastname | Email |
|---|---|---|---|
| 1 | Billly | Blueton | bb5@phpeasystep.com |
| 2 | Jame | Campbell | jame@somewhere.com |
| 3 | Mark | Jackson | mark@phpeasystep.com |
| 4 | Linda | Travor | lin65@phpeasystep.com |
| 5 | Joey | Ford | fordloi@somewhere.com |
| 6 | Sidney | Gibson | gibson@phpeasystep.com |

The records are sorted via id by ascending

**2 Example Order by Descending**

**ORDER BY id DESC**

| Id | Name | Lastname | Email |
|---|---|---|---|
| 6 | Sidney | Gibson | gibson@phpeasystep.com |
| 5 | Joey | Ford | fordloi@somewhere.com |
| 4 | Linda | Travor | lin65@phpeasystep.com |
| 3 | Mark | Jackson | mark@phpeasystep.com |
| 2 | Jame | Campbell | jame@somewhere.com |
| 1 | Billly | Blueton | bb5@phpeasystep.com |

The records are sorted via id by descending

**3 Example Order by Random**

**ORDER BY RAND()**

| Id | Name | Lastname | Email |
|---|---|---|---|
| 3 | Mark | Jackson | mark@phpeasystep.com |
| 4 | Linda | Travor | lin65@phpeasystep.com |
| 6 | Sidney | Gibson | gibson@phpeasystep.com |
| 5 | Joey | Ford | fordloi@somewhere.com |
| 2 | Jame | Campbell | jame@somewhere.com |
| 1 | Billly | Blueton | bb5@phpeasystep.com |

The records are sorted by random

# PHP User online tutorial:-

## PHP User online tutorial

This tutorial show you php script that count how many users are active on your site.

**Overview**

In this tutorial create 1 file
1. user_online.php

Step
1. Create table "user_online" in mysql in database "test".
2. Create file user_online.php.

## 1 Create table "user_online"

```
CREATE TABLE `user_online` (
`session` char(100) NOT NULL default '',
`time` int(11) NOT NULL default '0'
) TYPE=MyISAM;
```

**Database "test"**

**Table "user_online"**

| session | time |
|---|---|
| 6957e90318612fc63afb6a092e0efb71 | 1132944680 |
| b082dedea1dd41391cd968b5a3e4f566 | 1132944648 |

## 2 Create file - user_online.php

```
############### Code

<?
session_start();
$session=session_id();
$time=time();
$time_check=$time-600; //SET TIME 10 Minute

$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="test"; // Database name
$tbl_name="user_online"; // Table name

// Connect to server and select databse
mysql_connect("$host", "$username", "$password")or die("cannot connect to server");
mysql_select_db("$db_name")or die("cannot select DB");

$sql="SELECT * FROM $tbl_name WHERE session='$session'";
```

```
$result=mysql_query($sql);

$count=mysql_num_rows($result);

if($count=="0"){
$sql1="INSERT INTO $tbl_name(session, time)VALUES('$session', '$time')";
$result1=mysql_query($sql1);
}
else {
"$sql2=UPDATE $tbl_name SET time='$time' WHERE session = '$session'";
$result2=mysql_query($sql2);
}

$sql3="SELECT * FROM $tbl_name";
$result3=mysql_query($sql3);

$count_user_online=mysql_num_rows($result3);

echo "User online : $count_user_online ";

// if over 10 minute, delete session
$sql4="DELETE FROM $tbl_name WHERE time<$time_check";
$result4=mysql_query($sql4);

mysql_close();

// Open multiple browser page for result
?>
```

# Verifying email address:-

## Verifying email address

When users sign up to join your website you may want to verify their email address by sending confirmation link to their email address. You'll learn how to do this in this tutorial.

**Overview**

**In this tutorial create 4 files 2 databases**
1. signup.php
2. signup_ac.php

3. confirmation.php
4. config.php

**We have to create 2 databases**
1. temp_members_db
2. registered_members

**What to do**
1. When users sign up. Random a set of confirmation code.

2. Keep their informations and confirmation code in table "temp_members_db". This is temporary table, we have to move this informations to table "registered_members" after email address has been verified.

3. After sucessfully inserted data into table "temp_membes_db", send confirmation link to email that users used to sign up, if email is invalid they will not receive our email.

4. They have to click on confirmation link to activate their account. (move data from table "temp_member_db" to table "registered_members" and delete data from table "temp_members_db" in this step)

## 1 Create table "temp_members_db" and table "registered_members"

Table "temp_members_db"

| confirm_code | name | email | password | country |
|---|---|---|---|---|
| | | | | |

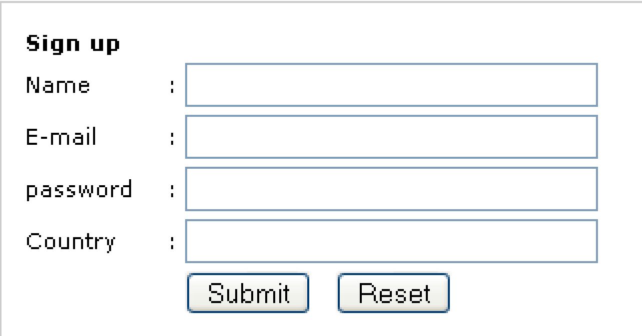
Table "registerd_members"

| id | name | email | password | country |
|---|---|---|---|---|
| | | | | |

**Table "temp_members_db"**
```
CREATE TABLE `temp_members_db` (
`confirm_code` varchar(65) NOT NULL default '',
`name` varchar(65) NOT NULL default '',
`email` varchar(65) NOT NULL default '',
`password` varchar(15) NOT NULL default '',
`country` varchar(65) NOT NULL default ''
) ENGINE=MyISAM DEFAULT CHARSET=latin1;
```

**Table "registered_members"**
```
CREATE TABLE `registered_members` (
`id` int(4) NOT NULL auto_increment,
`name` varchar(65) NOT NULL default '',
`email` varchar(65) NOT NULL default '',
`password` varchar(65) NOT NULL default '',
`country` varchar(65) NOT NULL default '',
PRIMARY KEY (`id`)
) ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

## 2 signup.php - Create sign up form




**############### Code**

```
<table width="350" border="0" align="center" cellpadding="0" cellspacing="0">
<tr>
<td><form name="form1" method="post" action="signup_ac.php">
<table width="100%" border="0" cellspacing="4" cellpadding="0">
<tr>
<td colspan="3"><strong>Sign up</strong></td>
</tr>
<tr>
<td width="76">Name</td>
<td width="3">:</td>
<td width="305"><input name="name" type="text" id="name" size="30"></td>
</tr>
<tr>
<td>E-mail</td>
<td>:</td>
<td><input name="email" type="text" id="email" size="30"></td>
</tr>
<tr>
<td>password</td>
<td>:</td>
<td><input name="password" type="password" id="password" size="30"></td>
</tr>
<tr>
<td>Country</td>
<td>:</td>
<td><input name="country" type="text" id="country" size="30"></td>
</tr>
<tr>
<td> </td>
<td> </td>
<td><input type="submit" name="Submit" value="Submit">  
<input type="reset" name="Reset" value="Reset"></td>
</tr>
</table>
</form></td>
</tr>
</table>
```

**3 signup_ac.php - Insert data into database**

**In this step**
1. Random confirmation code
2. Insert data and confirmation code into database
3. Send email to user with confirmation link



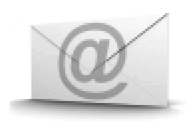

**signup_ac.php**

```
$tbl_name=temp_members_db;
$confirm_code=md5(uniqid(rand()));  // Random confirmation code

$sql="INSERT INTO $tbl_name(confirm_code, name, email, password, country)
VALUES('$confirm_code', '$name', '$email', '$password', '$country')";
$result=mysql_query($sql);
```

**Table "temp_members_db"**

| confirm_code | name | email | password | country |
|---|---|---|---|---|
| 642fc16ce0d872f7d63ee8d6f13db58e | Jack Johnson | jack@jackjack.com | jack456 | USA |



**after successfully inserted data into database send confirmation link to Jack's email**

**http://www.yourweb.com /confirmation.php?passkey=$confirm_code**

**############## Code**

```
<?
include('config.php');

// table name
$tbl_name=temp_members_db;

// Random confirmation code
$confirm_code=md5(uniqid(rand()));

// values sent from form
$name=$_POST['name'];
$email=$_POST['email'];
$country=$_POST['country'];

// Insert data into database
$sql="INSERT INTO $tbl_name(confirm_code, name, email, password,
country)VALUES('$confirm_code', '$name', '$email', '$password', '$country')";
$result=mysql_query($sql);

// if suceesfully inserted data into database, send confirmation link to email
if($result){

// ---------------- SEND MAIL FORM ----------------

// send e-mail to ...
```

```
$to=$email;

// Your subject
$subject="Your confirmation link here";

// From
$header="from: your name <your email>";

// Your message
$message="Your Comfirmation link \r\n";
$message.="Click on this link to activate your account \r\n";
$message.="http://www.yourweb.com/confirmation.php?passkey=$confirm_code";

// send email
$sentmail = mail($to,$subject,$message,$header);

}

// if not found
else {
echo "Not found your email in our database";
}

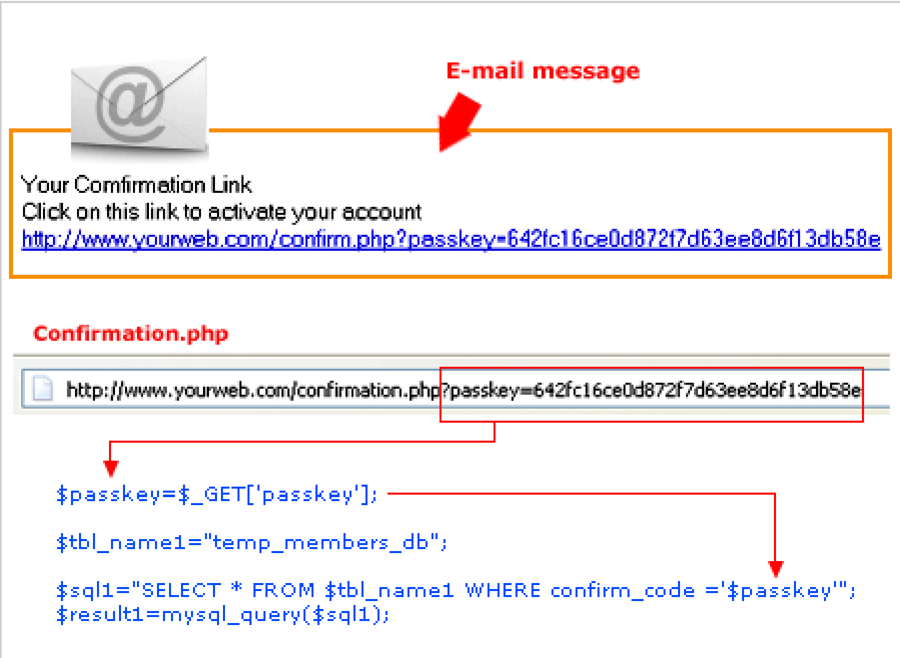
// if your email succesfully sent
if($sentmail){
echo "Your Confirmation link Has Been Sent To Your Email Address.";
}
else {
echo "Cannot send Confirmation link to your e-mail address";
}

?>
```

4 **confirmation.php**

When jack open his email he'll see this message and link to file "confirmation.php" including passkey in url.

**In this step**
1. Check passkey
2. If found passkey in database, move all data in that row from table "temp_members_db" to table "registered_members"
3. Delete passkey from table "temp_members_db"




**############### Code**

```
<?
include('config.php');

// Passkey that got from link
$passkey=$_GET['passkey'];

$tbl_name1="temp_members_db";

// Retrieve data from table where row that match this passkey
$sql1="SELECT * FROM $tbl_name1 WHERE confirm_code ='$passkey'";
$result1=mysql_query($sql1);

// If successfully queried
if($result1){

// Count how many row has this passkey
$count=mysql_num_rows($result1);

// if found this passkey in our database, retrieve data from table "temp_members_db"
if($count==1){

$rows=mysql_fetch_array($result1);
$name=$rows['name'];
$email=$rows['email'];
$password=$rows['password'];
$country=$rows['country'];

$tbl_name2="registered_members";

// Insert data that retrieves from "temp_members_db" into table "registered_members"
$sql2="INSERT INTO $tbl_name2(name, email, password, country)VALUES('$name', '$email',
'$password', '$country')";
```

```
$result2=mysql_query($sql2);
}

// if not found passkey, display message "Wrong Confirmation code"
else {
echo "Wrong Confirmation code";
}

// if successfully moved data from table"temp_members_db" to table "registered_members" displays
message "Your account has been activated" and don't forget to delete confirmation code from table
"temp_members_db"
if($result2){

echo "Your account has been activated";

// Delete information of this user from table "temp_members_db" that has this passkey
$sql3="DELETE FROM $tbl_name1 WHERE confirm_code = '$passkey'";
$result3=mysql_query($sql3);

}

}
?>
```

**5 config.php - config your database**

```
<?

$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name=""; // Database name


//Connect to server and select database.
mysql_connect("$host", "$username", "$password")or die("cannot connect to server");
mysql_select_db("$db_name")or die("cannot select DB");

?>
```